GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

STARRED QUESTION NO:102
ANSWERED ON:30.07.2001
SURVEY OF WATER RESOURCES
VSM (RETD.) COL. CHOUDHARY

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Government propose to conduct a survey on all India basis for augmenting and harnessing the water resources in the country, especially in Western Rajasthan; and

(b) if so, the details thereof and the time by which the survey is likely to be conducted?

Answer

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI)

(a) & (b) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) & (b) OF STARRED QUESTION NO.102 TO BE ANSWERED IN THE LOK SABHA ON 30.07.2001 REGARDING SURVEY OF WATER RESOURCES.

Water resources assessment which is an important input for augmenting and harnessing the water resources is a continuing process. Central Water Commission under the MOWR has established about 570 key hydrological observation stations including 245 sediment observation stations. According to the survey being carried out at these hydrological stations, Central Water Commission has assessed the average annual flow in the river systems of the country as 1869 Billion Cubic Meter (BCM). The Central Ground Water Board under Ministry of Water Resources has carried out survey and exploration of ground water at about 15,000 sites in various parts of the country, including Western part of Rajasthan. Based on these surveys, the annual replenishable ground water potential in the country has been assessed as 432 BCM.

Irrigation being a state subject, survey and investigations, planning, execution and management of water resources projects to harness the water resources within the States are undertaken by the State Governments according to their own priorities and from their plan resources.

In order to augment the water resources of the country, National Water Development Agency, established by the Government of India in 1982, has carried out water balance and pre-feasibility studies of the National Perspective Plan which envisages inter-linkages among various Penninsular rivers and the Himalayan rivers for transfer of water from water surplus basins to water deficit basins. The names of all the proposed 31 inter- basin transfer linkages are given at Annex. Yamuna- Rajasthan link and Rajasthan-Sabarmati link of the Himalayan component are planned to augment the water resources in Western Rajasthan. The feasibility reports of these links based on ground surveys are expected to be completed by 2008 AD.

ANNEX TO LOK SABHA STARRED QUESTION NO.102 FOR 30.7.2001 REGARDING SURVEY OF WATER RESOURCES

LIST OF PROPOSED WATER TRANSFER LINKS FOR WHICH PREFEASIBILITY REPORTS HAVE BEEN PREPARED BY NWDA

Peninsular Rivers Development Component

1. Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link

2. Godavari (Polavaram) - Krishna (Vijaawada) link

3. Godavari (Inchampalli) - Krishna (Pulichintala) link

4. Par-Tapi-Narmada link

5. Ken-Betwa link
6. Kalisindh - Chambal link

7 Pamba - Achankovil - Vaippar link

8. Godavari (Inchampalli) - Krishna (Nagarjunasagar) link

9. Damanganga - Tansa link
10. Bedti - Varda link
11. Netravati - Hemavati Link
12. Krishna (Nagarjunasagar) - Pennar (Somasila) link
13. Krishna (Srisailam) - Pennar (Podattur) link
14. Krishna (Almatti) - Pennar link
15. Pennar (Prodattur) - Cauvery (Upper Anicut) link ++
16. Pennar (Somasila) - Cauvery (lower Anicut) link ++
17. Cauvery (Kattalai) - Vaigai (Gundar) link

[++ These two links have been combined into one link, renamed as `Pennar (Somasila) - Cauvery (Grand Anicut ) Link`]

Himalayan Rivers Development Component

1. Kosi-Mechi link

2. Kosi-Ghaghra link

3. Gandak-Ganga link

4. Ghaghra-Yamuna link

5. Sarda-Yamuna link
6. Yamuna-Rajasthan link

7 Rajasthan-Sabarmati link

8. Chunar-Sone Barrage link

9. Sone Dam - Southern Tributaries of Ganga link
10. Brahmaputra-Ganga link (Manas-Sankosh-Tista-Ganga)
11. Farakka-Sunderbans link
12. Ganga-Damodar-Sunernarekha link
13. Subernarekha-Mahanadi link
14. Jogighopa-Tista-Farakka link

NOTE: Prefeasibility studies for all above links completed.